Reviewer's report

Title: Semiallogenic fusions of MSI+ tumor cells and activated B cells induce MSI-specific T cell responses

Version: 1 Date: 20 June 2011

Reviewer: Hung Khong

Reviewer's report:

Minor essential revisions:

1) Under Result section (3rd line from bottom) and in Figures 1A and 3A: The use of "growth factors" is confusing. This is an in vitro immunotherapy study, readers will misunderstood that "growth factors" mean cytokines such as IL-2. It is better to use something like "fold increase".

2) Please do not provide comments or interpretation of data in the result section. For example, in the results section subtitled "Fc1 and Fc2 T cell cultures recognize tumor target cells", the authors wrote, "These data were a little disappointing, ect..."

3) Result section, last paragraph, 3rd line from bottom: "This formally proofs that..." should be "This proves that...." or "This conclusively proves that...."

4) Discussion, second paragraph from bottom, line 3: "...contributable to the CD8+ T cells" should be "... contributed by..." or "attributed to..."

5) Materials and Methods: B cell and T cell purification: The authors only mentioned T cell purification.

Major compulsory revisions:

1) Figure 4 legend stated that, " Significant reactions in comparison to the negative control are indicated by *. However, there is no asterisk (*) given in Figure 4.

2) Result section, last paragraph, 4th line from bottom: "...a response towards at least 6 of the 14 FSPs..." The authors need to identify which 6 peptides they were refering to since it is not at all clear from Figure 4. The authors also need to provide a definiton of positive response since it is not clear from the legend or the figure.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable
**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests